0070200 0609560

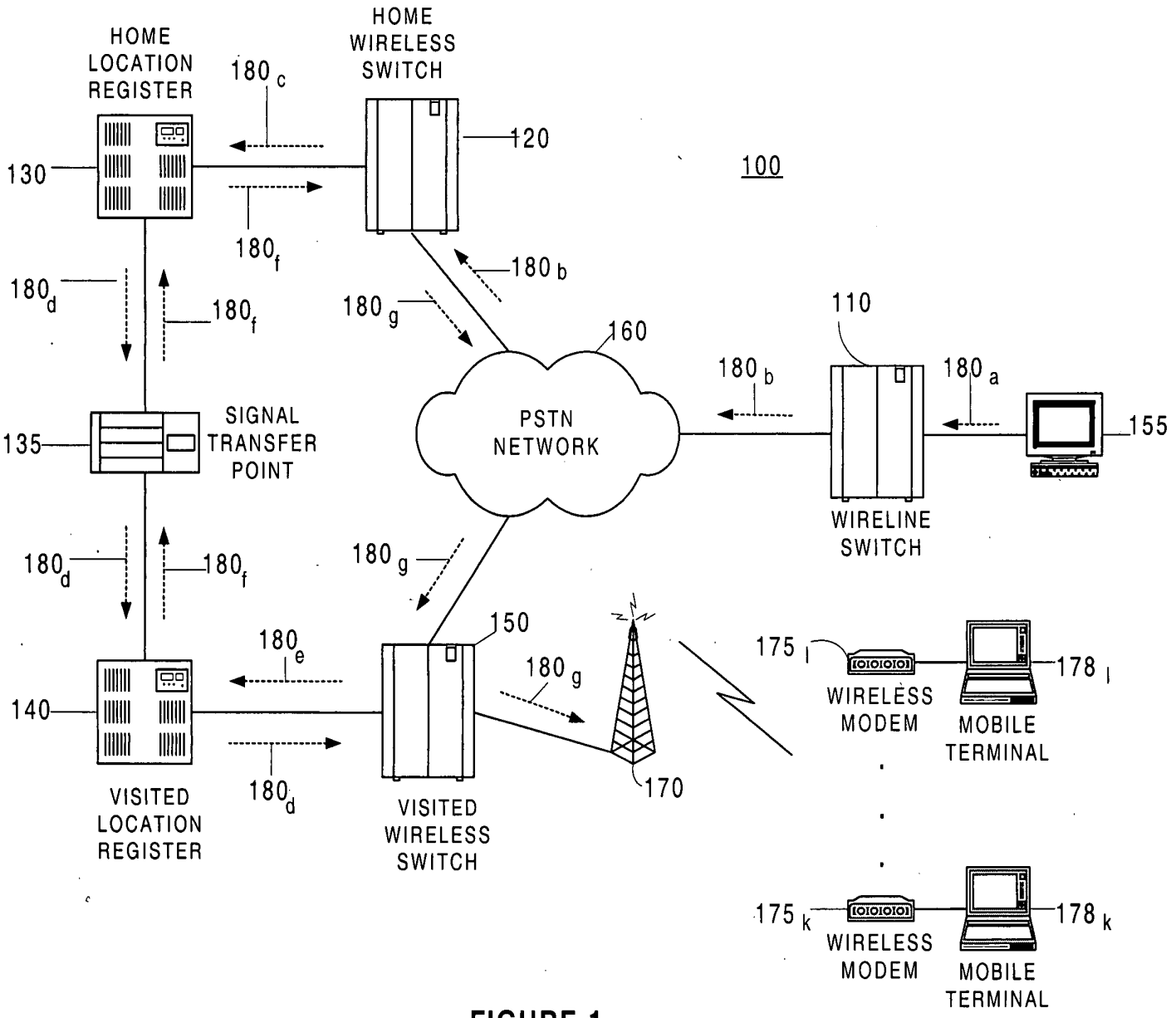

FIGURE 1

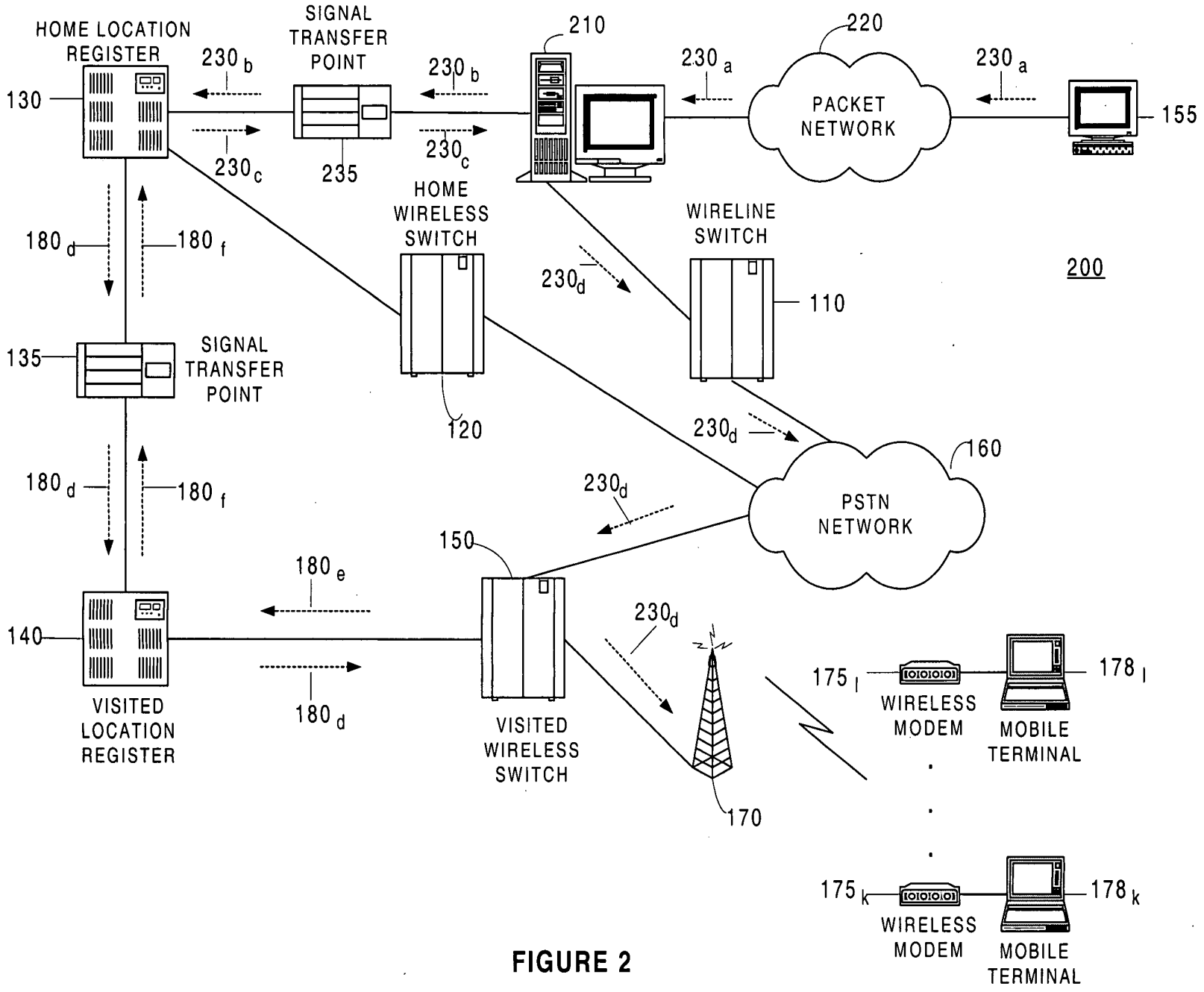
HOME LOCATION REGISTER
130
SIGNAL TRANSFER POINT
235
230 b
230 c
210
220
230 a
PACKET NETWORK
155
HOME WIRELESS SWITCH
120
WIRELINE SWITCH
110
200
180 d
180 f
135
SIGNAL TRANSFER POINT
230d
160
PSTN NETWORK
150
180 e
140
VISITED LOCATION REGISTER
VISITED WIRELESS SWITCH
170
175 l
178 l
WIRELESS MODEM
MOBILE TERMINAL
175 k
178 k

FIGURE 2

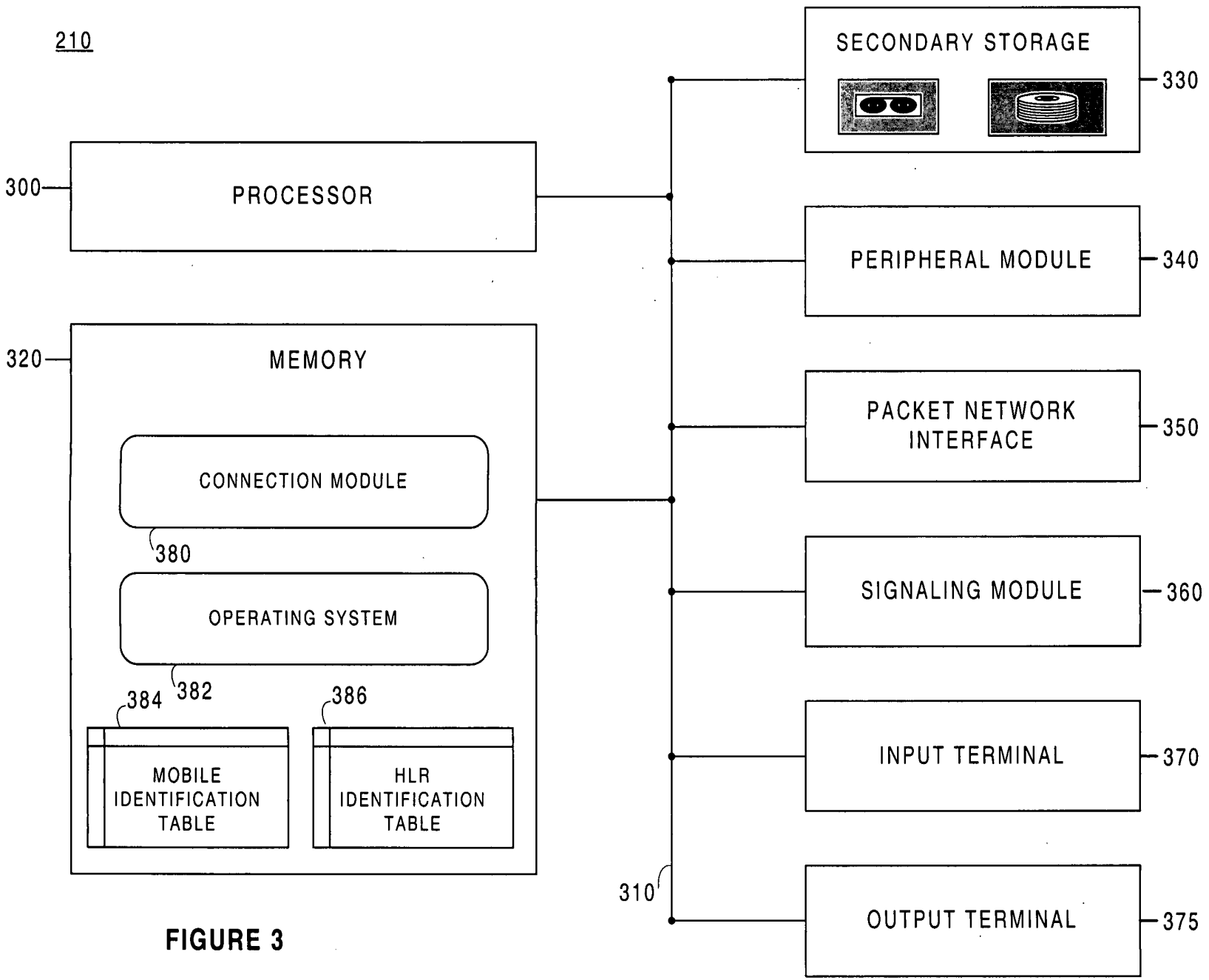
210
SECONDARY STORAGE
330
300
PROCESSOR
PERIPHERAL MODULE
340
320
MEMORY
PACKET NETWORK INTERFACE
350
CONNECTION MODULE
380
SIGNALING MODULE
360
OPERATING SYSTEM
382
384
386
INPUT TERMINAL
370
MOBILE IDENTIFICATION TABLE
HLR IDENTIFICATION TABLE
310
OUTPUT TERMINAL
375

FIGURE 3

DO NOT DESTROY

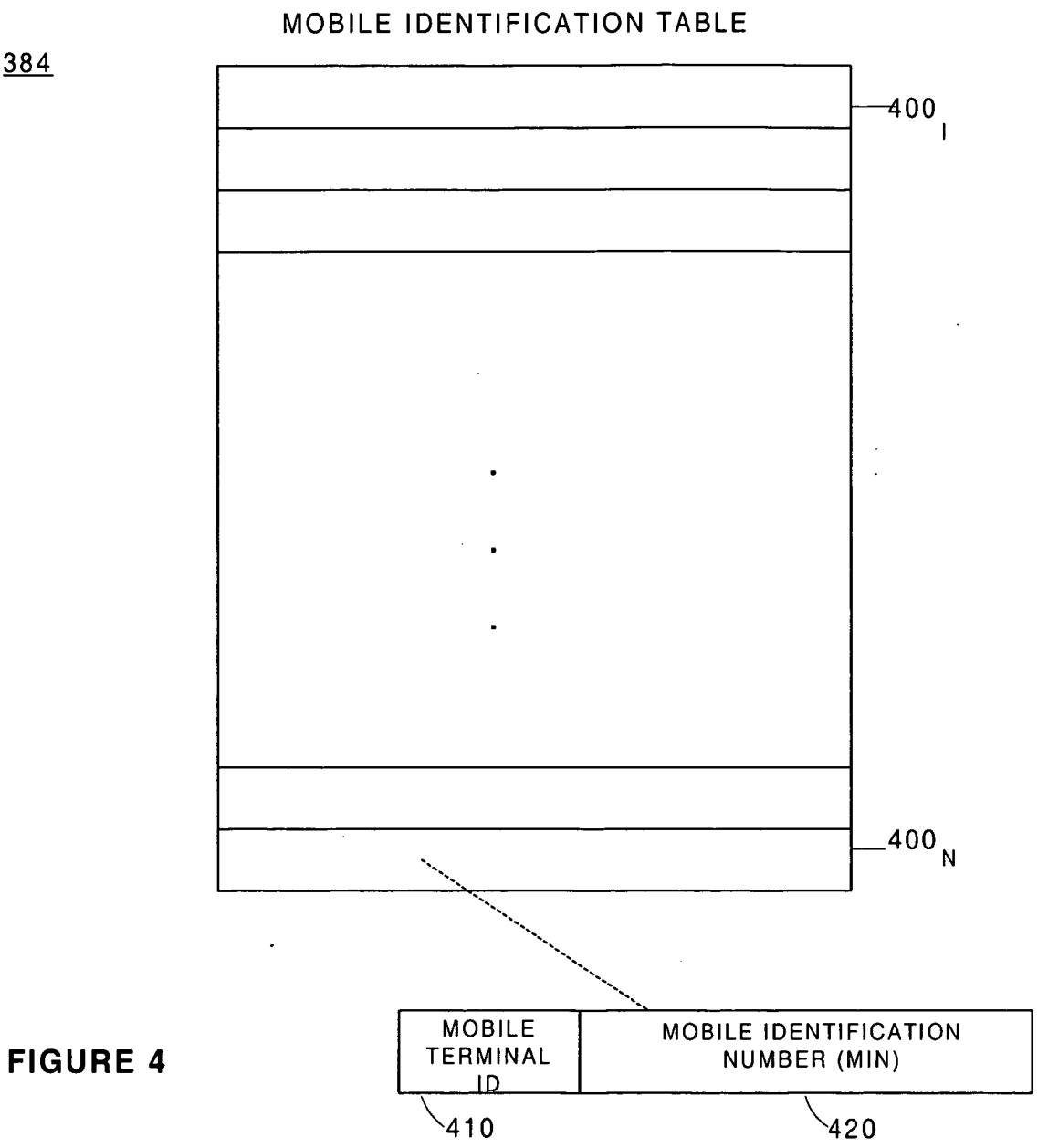

FIGURE 4

386

HLR IDENTIFICATION TABLE

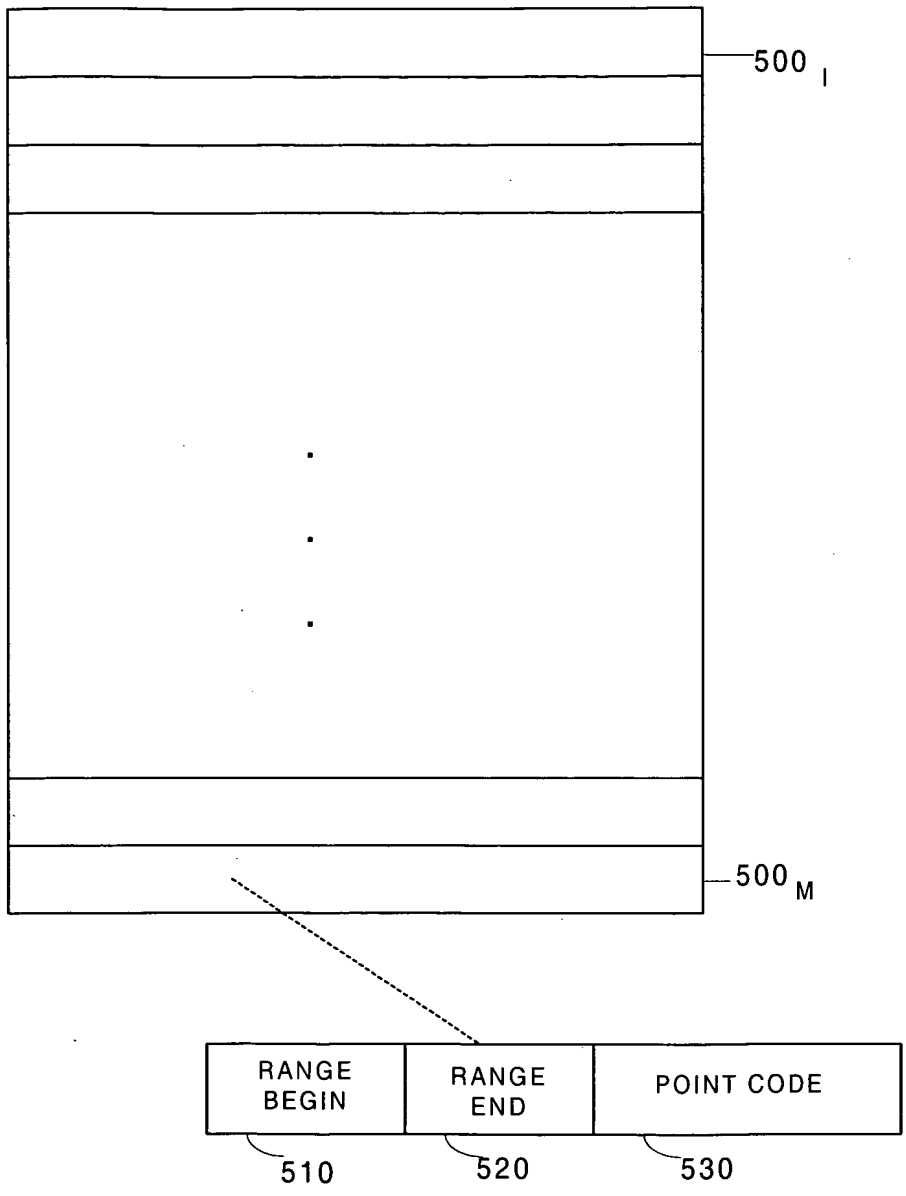

FIGURE 5

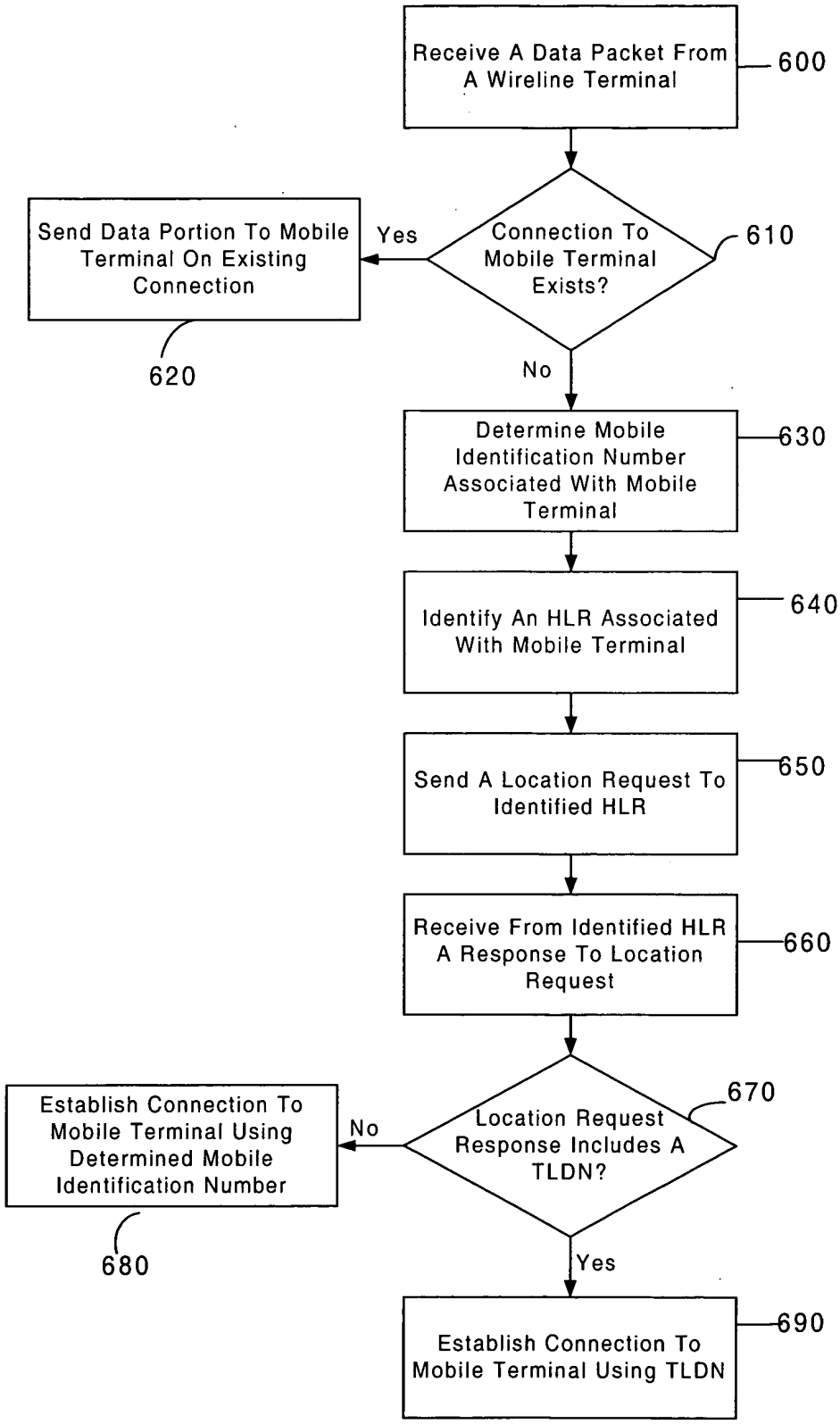
Receive A Data Packet From A Wireline Terminal
600
Connection To Mobile Terminal Exists?
610
Yes
Send Data Portion To Mobile Terminal On Existing Connection
620
No
Determine Mobile Identification Number Associated With Mobile Terminal
630
Identify An HLR Associated With Mobile Terminal
640
Send A Location Request To Identified HLR
650
Receive From Identified HLR A Response To Location Request
660
Location Request Response Includes A TLDN?
670
No
Establish Connection To Mobile Terminal Using Determined Mobile Identification Number
680
Yes
Establish Connection To Mobile Terminal Using TLDN
690

FIGURE 6

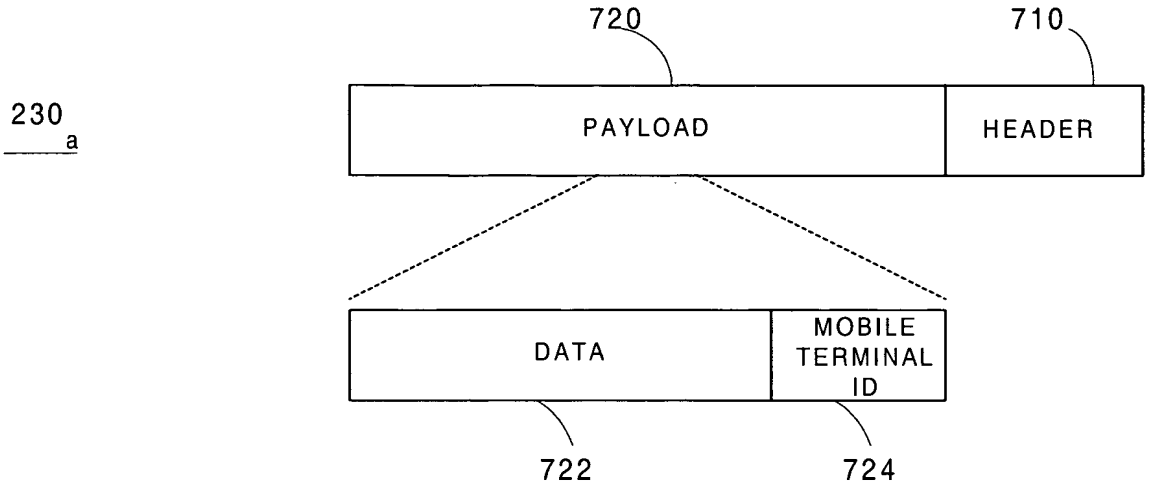

FIGURE 7

05+0626 0605+5060

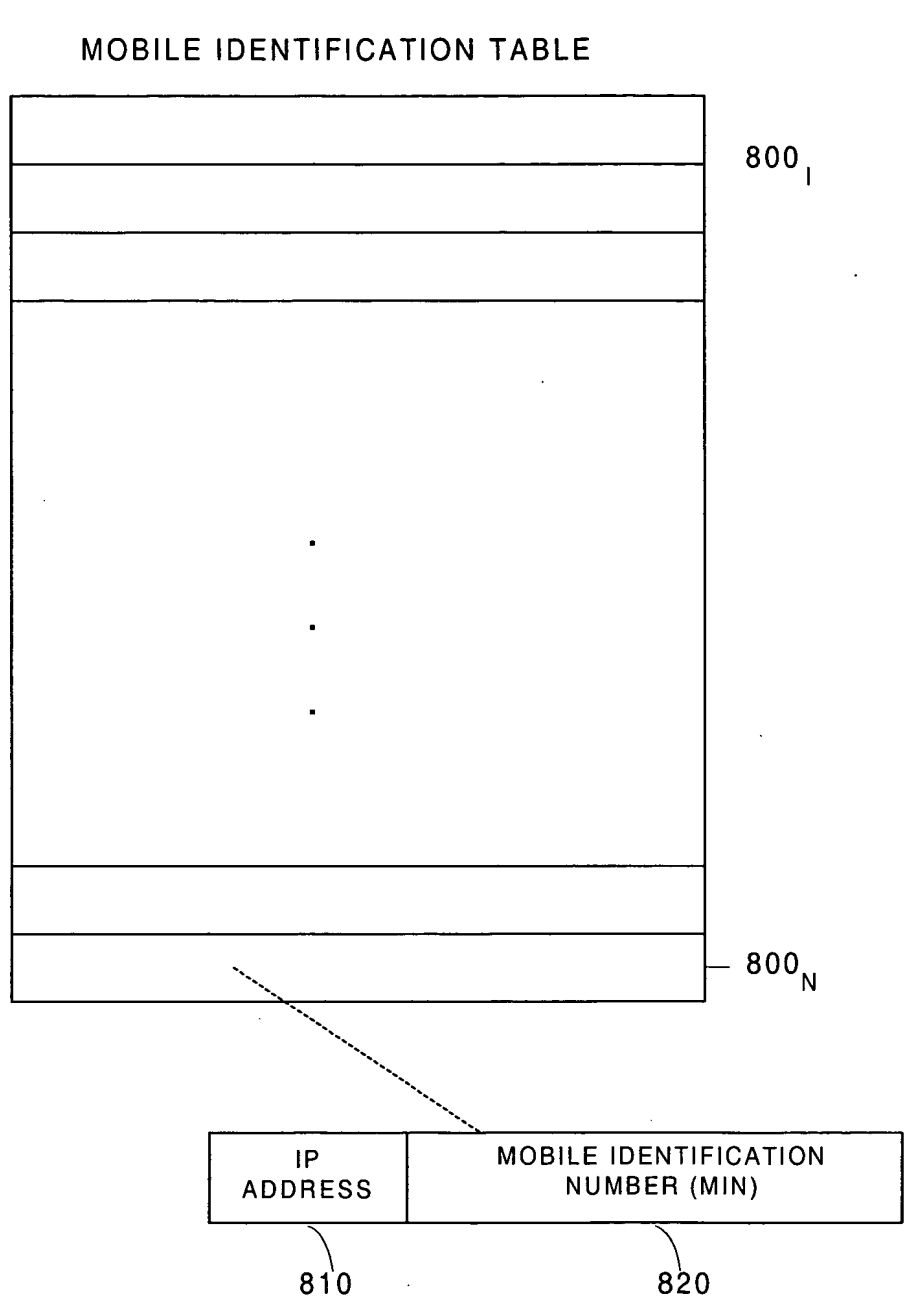

FIGURE 8

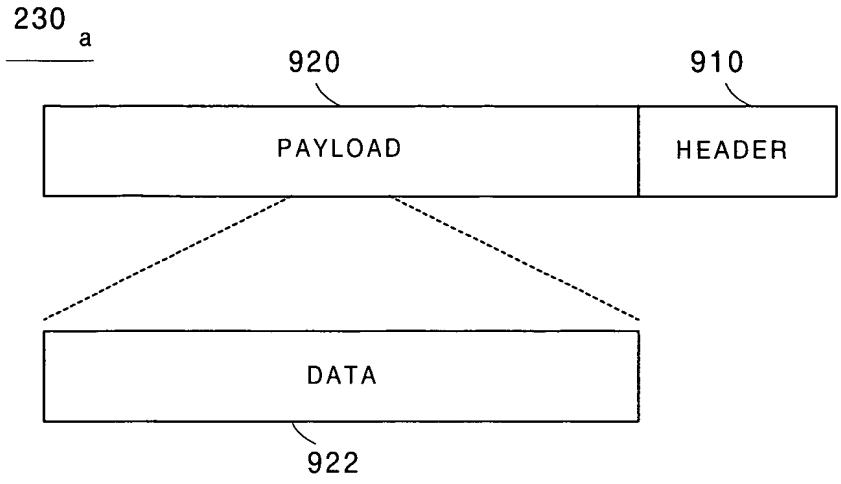

FIGURE 9